



#6

1

SEQUENCE LISTING

<110> Osbourn, Jane
Holet, Thor

<120> Improvements to ribosome display

<130> 84633

<140> US 09/817,661

<141> 2001-03-26

<150> US 60/193,802

<151> 2000-03-31

<160> 35

<170> PatentIn Ver. 2.1

<210> 1

<211> 324

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Ribosome
display construct

<400> 1

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aaaactcatc tcagaagagg atctgaatgg ccgcggcagc gggtcgggt ctgggagcgg 180
atccggctct gggagcggct ctgggtccgg atcgggtcc ggatcaggct cgggctccgg 240
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ccgtatgacg tgccggatta cgca 324
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<210> 2

<211> 76

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2

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00017661.072701

<210> 3
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 3
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<210> 4
 <211> 32
 <212> DNA
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<220>

<223> Description of Artificial Sequence: Primer

<400> 4
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<210> 5
 <211> 15
 <212> DNA
 <213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 5
 tgcgtaatcc ggcac

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<210> 6
 <211> 21
 <212> DNA
 <213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 6
 ctcttctgag atgagttttt g

21

<210> 7
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

00017561.072701

<400> 7
gcacatcatc atcaccatca cggggcc

27

<210> 8
<211> 135
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 8
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tccggttcga gatcgaaact ttgcaagcct gatcgacata gggacatctt ccatgaactc 120
atcaacgact tcttc 135

<210> 9
<211> 144
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 9
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60
cttctctctc aaaccattca gatcctcttc tgagatgagt ttttgttctg cggccccgtg 120
atggtgatga tgatgtcggg ccgc 144

<210> 10
<211> 147
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 10
gaactcatca acgacttctt ctgtaagttc catggggcct ccgtctctca cgtttgtaat 60
cttctctctc aaaccctaata tcagatcctc ttctgagatg agtttttggt ctgcggcccc 120
gtgatggtga tgatgatgtc gggccgc 147

<210> 11
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5' end of
construct

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<400> 11
 ggggaccccc ccggaagggg gggacgaggt gcgggcacct cgtacgggag ttcgaccgtg 60
 acg 63

<210> 12
 <211> 156
 <212> DNA
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 construct

<400> 12
 cacgggctag cgcttttcgcg ctctcccagg tgacgcctcg tgaagaggcg cgaccttcgt 60
 gcgttttcggt gacgcacgag aaccgccacg ctgcttcgca gcgtggctcc ttcgcgcagc 120
 ccgctgcgcg aggtgacccc ccgaaggggg gttccc 156

<210> 13
 <211> 86
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
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<400> 13
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 acgaattcta atacgactca ctatag 86

<210> 14
 <211> 106
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
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<400> 14
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<210> 15
 <211> 106
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
 Oligonucleotide

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<400> 15
 tcgtgctgca ccgaaacgca cgaaggctgc gcctcttcac gaggcgtcac ctgggagagc 60
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<210> 16
 <211> 96
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 16
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<210> 17
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 <212> DNA
 <213> Artificial Sequence

<220>
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 Oligonucleotide

<400> 17
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 aagcagcgtg gcggttctcg tgcgtcaccg aaacgc 96

<210> 18
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 18
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 1 5 10

<210> 19
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 19
 Cys Ser Arg Asp Ser Ser Gly Tyr His Leu Val
 1 5 10

00317561.02201

<210> 20
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 20
 Val His Asn Gly Trp Tyr Ala Leu Glu Tyr
 1 5 10

<210> 21
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 21
 Asn Ser Trp Asp Ser Ser Gly Asn His Val Val
 1 5 10

<210> 22
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Library

<220>
 <221> SITE
 <222> (4)..(8)
 <223> Xaa is any amino acid

<400> 22
 Val His Asn Xaa Xaa Xaa Xaa Xaa Glu Tyr
 1 5 10

<210> 23
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Library

<220>
 <221> SITE
 <222> (4)..(8)
 <223> Xaa is any amino acid

<400> 23
 Asn Ser Trp Xaa Xaa Xaa Xaa Xaa His Val Val
 1 5 10

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<210> 24
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
 sequence

<400> 24
 Gly Trp Tyr Ala Leu
 1 5

<210> 25
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
 sequence

<400> 25
 Val Asn Leu Leu Val
 1 5

<210> 26
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
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<400> 26
 Arg Ser Met Asp Gly
 1 5

<210> 27
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
 sequence

<400> 27
 His Ala Ala Arg Arg
 1 5

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<210> 28
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 28
Arg Val Arg Leu Leu
1 5

<210> 29
<211> 5
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 29
Phe Leu Ser Ser Ile
1 5

<210> 30
<211> 5
<212> PRT
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<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 30
Asp Ser Ser Gly Asn
1 5

<210> 31
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Mutagenized
sequence

<400> 31
Ser Ala Thr His Glu
1 5

09817661.072701

<210> 32
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
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<400> 32
 Ala Pro His Gly Ser
 1 5

<210> 33
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
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<400> 33
 Thr Val Asn His Asp
 1 5

<210> 34
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
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<400> 34
 His Trp Gln Thr Asp
 1 5

<210> 35
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutagenized
 sequence

<400> 35
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 1 5

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